imagine visual synergy

Enter the pathway to success guided by **Samsung Plasma Display**

PPM42M6S / 42M6H

- **DNIe™** (Digital Natural Image engine)
- High Contrast Ratio **10000:1**
- High Brightness **1500 cd/m²** (PPM42M6S),
  1300 cd/m² (PPM42M6H)
- 13-bit System with **549.8 billion colors**
- Optional Side Detachable Speaker (10Wx2)

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A **good partner** leads you to success.
Samsung works with you to **bring you success**.

Core Differential Points

High Performance
- **DNIe™** (Digital Natural Image engine)
- World Best Picture Quality
  - Brightness **1500 cd/m²** (PPM42M6S), **1300 cd/m²** (PPM42M6H)
  - Contrast Ratio **10000:1**
- 13-bit System with **549.8 billion** colors
- Optional Side Detachable Speaker (10Wx2)
- SRS TruSurround XT
- Long Life Panel (Over **60,000 hours**)

World Wide Unversal Model
- Multi Color System (NTSC, PAL, SECAM)
- Free Voltage (100V ~ 250V)

Advanced Burn-In Protection
- 6 Way Burn-in Protection Mode (Auto Pixel Shift, Signal Pattern Processor, All White Bar, Inverse, Bar & Inverse)
- Burn-In Protection Timer Function

Pro-Environmental Feature
- Energy Star
- EMI FCC Class-B Standard (42M6H)

Multi Display Screen
- 2 Way Multi Display Screen Mode (Natural mode, Full mode)
- Built-In Matrix Video Wall Support (2x2, 3x3, 4x4, 1x5, 5x1)

Convenient Feature
- Picture in Picture, Picture by Picture
- Digital Zoom (4x), Picture Freeze
- RS-232C Control
- Key Lock & IR Lock
- On/Off Timer, Auto Power Off
- Loop-Out Function Available (PC In/Out, Video In/Out, RS-232C In/Out)

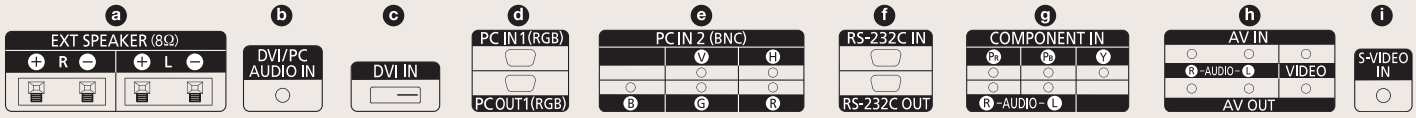
Specifications

	PPM42M6S	PPM42M6H
Display		
Diagonal Size	42"	
Aspect Ratio	16 : 9	
Native Resolution	852 x 480	1024 x 768
Pixel Pitch	1.095 x 1.110	0.912 x 0.693
Brightness	1,500 cd/m²	1,300 cd/m²
Contrast	10,000 : 1	
Grey Scale	13 Bit	
Number of Colors	549.8 Billion	
Pictures		
Scan System	Progressive Scan	
Color system	Multi (PAL / SECAM / NTSC3.58 / NTSC4.43)	

Digital Comb Filter	3D Comb Filter	
Terminal		
Input Terminal	Composite 1, S-Video 1, D-sub 15Pin (RGB1) 1, BNC (RGB2) 1, Component 1, DVI 1, RS-232C 1	
Output Terminal	Composite 1, D-sub 15Pin (RGB1), RS-232C	
Operating Conditions		
Temperature	0 ~ 40 °C	
Humidity	20 ~ 80 %	
Altitude	0m ~ 2,800m	
Power		
Power Supply	110 ~ 250V (50/60Hz)	
Power Consumption	300W	330W
Dimension & Weight		

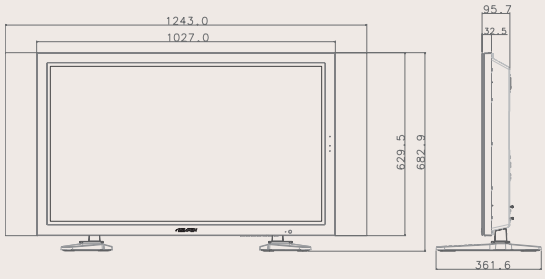
Set (W*H*D) mm	1027 x 630.5 x 96.5	1027 x 630.5 x 96.5
inch	40.43 x 24.82 x 3.76	40.43 x 24.82 x 3.76
Weight (Set) Kg	34.5	34.5
Lbs	76.05	76.05
Optional Accessories		
Wall Mount	WMN4250D	
Vertical Wall Mount	VMN4240D	
Ceiling mount	CML500D	
Stand	Tabletop Stand 2pcs Included	
Speaker	PSN4232B(S)	
Regulations		
	CE, UL1492, UL6500, CSA C22.2, FCC Class A	CE, UL1492, UL6500, CSA C22.2, FCC Class B

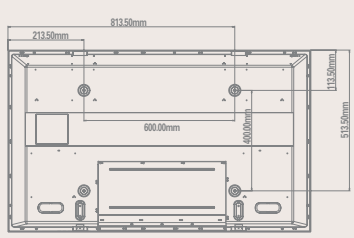
Port Layout



a. Ext. Speaker (8Ω) **b**. DVI/PC Audio In **c**. DVI In **d**. PC In/Out **e**. PC In 2 **f**. RS-232C In/Out **g**. Component Video/Audio In **h**. Composite Video/Audio In/Out **i**. S-Video In

Dimensions unit (mm)





DNIe™ · 10000:1 · 13 bit · 549.8 Billion Color · over 60,000 hours · Natural Mode · Full Mode · MDC · ANTI BURN · NTSC/PAL/SECAM Multi Color System · dvi-D · ENERGY STAR · Free Voltage · VERTICAL DISPLAY · VESA

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